

MEMORANDUM

TO: Modeling Task Force Members

FROM: Mike Ainsworth

SUBJECT: Modeling Task Force Meeting Summary – May 28, 2003

MODELING TASK FORCE MEETING

May 28, 2003 - Wednesday
9:30 A.M. - 11:30 A.M.

Southern California
Association of Governments
818 W. 7th Street, 12th Floor
Los Angeles, CA 90017
Room – Riverside A

Attendees

Shirley Medina	Chaushie Chu
Luke Cheng	Keith Killough
Gerry Bare	Steve Smith
Charles Chenu	Henning Eichler
Arun Kuppam	Ron Taira
Robert Farley	Robert Lund
Tony Van Haagen	Mike Ainsworth
R. Mike Labudzki	Dale Iwai
Ed Humenik	Dan Benson
Chao Wie	Jia Hau WU
Dave Mootchwik	Deng Bang Lee
Hal Suetsugu	Ed Yotter
Maurice Eaton	

DRAFT MEETING SUMMARY

1.0 Call to Order

2.0 Public Comment Period – No Comments

3.0 Introductions

4.0 Review and Approve Previous Meeting Summary – Approved

5.0 Information Items:

5.1 Regional Model Improvement Program – Keith Killough (KLK Consulting) presented a Power Point presentation describing the Regional Travel Demand Model Improvement Program. The purpose of the project is to 1) Continue SCAG's ongoing model development effort, 2) assess the current Regional Model and state of SCAG's modeling program, 3) develop both short and long range model improvement programs, and 4) solicit input from local stakeholders and modeling experts. Study tasks include: 1) review the previous model improvement project, 2) inventory other MPO's programs, 3) review SCAG's current model, 4) develop short and long term model improvement work programs, and 5) prepare a final report. Mr. Killough presented the elements of the short, intermediate, and long range model improvement programs. The model improvement programs of other MPOs were also presented and discussed.

5.2 FY 2003 – 2004 Model Improvement Activities – The purpose of this item was to provide the group an update on SCAG's and the subregional modeling agencies' model improvement activities for FY 03-04.

SCAG Model improvements include:

- Screenline Count Program with MTA
- Short Term Model Improvement Program – Trip Generation, Mode Choice, Assignment, Cordon forecast, and TAZ refinement.
- Possible Caltran grants (SPR Grants) - Air Cargo Model, Air Passenger Survey, and Regional Rail Study.
- Conduct the Arterial Speed Study

Orange County's Model improvements include:

- Revise the feed back looping process
- Expand the modeling area to include all of the SCAG Region
- Include the Truck Model
- Revise Cordon Trip Methodology
- Caliper is translating Model to Transcad

- Integrate air quality models into model stream
- Integration with micro-simulation models

MTA's Model Improvement Program:

- Conduct the MTA/SCAG Screenline Count Program
- Trip Distribution Model – Develop Destination Choice Model
- Domestic Freight – Develop an understanding of domestic freight movements
- Host Advanced Travel Demand Workshops
- Investigate converting to SCAG's new TAZ system

Inland Area:

- Inland agencies are currently revising the CTP Model – Updated TAZs, refined networks, and apply the Regional Model methodology.
- Coordinate effort with SCAG's Short Term Model Improvement Program.

Recommendations:

- 1) Use Caltran's Statewide Model to develop future Cordon Forecasts.
- 2) Include San Diego County into the Regional Modeling area.

5.3 Regional Transportation Plan (RTP) Modeling Scenarios – Naresh Amatya provided an update on the development of the RTP and the RTP Modeling Scenarios. Five growth scenarios have been advanced, three of which are technically based and two that are policy based. The policy-based forecasts include one scenario that intensifies growth in the already developed areas and the other that spreads growth to outlying areas. The aviation alternatives include two scenarios: 1) the Constrained Scenario - 141 MAP and 2) the Moderate Scenario – 154 MAP. Both scenarios limit LAX to 78 MAP and do not include an airport at El Toro. On the finance side, the TCC has approved the baseline forecast (known funding sources). In the next couple months SCAG staff will be developing projects and strategies to go along with the five growth forecasts. Given the short schedule, SCAG will conduct several workshops to explain the various strategies. The preferred strategy (Draft RTP) will be rolled out in the September – November time frame.

5.4 Regional Airport Model – Mike Ainsworth provided a brief project overview and reviewed the project's status. SH&E is currently working on the first phase of the project. Phase 1 tasks include the following 1) performing a literature search to review state of the practice modeling approaches, 2) summary of existing surveys, and 3) creating the model design. The next phase of the project, which begins in July, is to develop the trip generation model component.

5.5 Regional Cordon Survey Status – Mike Ainsworth presented the status of the Regional Cordon Survey. Mike announced that everyone was invited to stay over and attend the Cordon TAC Meeting that afternoon. The fourth week of surveying is currently being conducted. This week the survey on I-5 South is being conducted. No problems have been encountered in the current round of surveys and the project is expected to be completed by the end of June 2003.

5.6 Year 2000 Post Census Travel Survey – Paul Burke (SCAG Staff) provided a status report on the Year 2000 Travel Survey. Activity on the Travel Survey have been restarted. SCAG recently received 2,500 surveys from the Consultant leaving 2,500 undelivered surveys. The Consultant is collecting the remaining mode augment surveys and completing the geo-coding. Once all surveys are completed and delivered, the Consultant will perform the expansion and deliver the Final Report

6.0 Open Discussion and Other Business – None

7.0 Schedule and Agenda for Next Meeting – The next meeting is scheduled for July 24th, 2003.

8.0 Adjournment